

# Converting Colors

Hex(959BFF)

Have a look what the booklet for  
Hex(959BFF) contains.

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# Color

**Hex(959BFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959BFF
RGB	149, 155, 255
RGB Percent	58%, 61%, 100%
CMY	0.4157, 0.3922, 0.0000
CMYK	0.42, 0.39, 0.00, 0.00
HSL	237°, 100%, 79%
HSV	237°, 42%, 100%
XYZ	42.1658, 37.0523, 99.5372
YIQ	164.6060, -35.6760, 29.8280

# Conversions

## Conversions Part 2

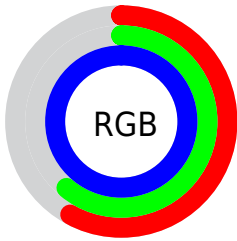
Format	Color
<a href="#">RYB</a>	<a href="#">149, 155, 255</a>
Decimal	<a href="#">9804799</a>
CIELab	<a href="#">67.32, 22.22, -50.46</a>
CIElCh	<a href="#">67, 55.132, 293.764</a>
Yxy	<a href="#">37.0523, 0.2359, 0.2073</a>
Android (android.graphics.Color)	<a href="#">4287994879</a> ( <a href="#">0xFF959BFF</a> )
YUV	<a href="#">164.6060, 44.5642, -13.6865</a>
Hunter-Lab	<a href="#">60.8706, 17.1256, -54.3432</a>

# Details

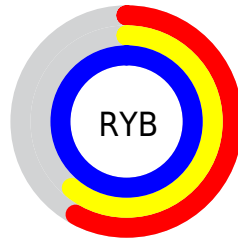
The Hex color **959BFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF995**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CFD1FF**, and **5C68C6** is the 20% darker color. If you saturate the color by 10%, you get **7C83FF**, and if you desaturate by 10%, it is **AFB3FF**.

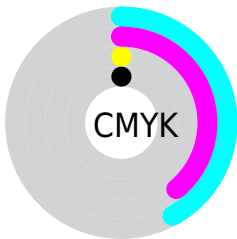
# Distribution



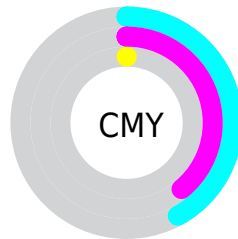
- Red (58%)
- Green (61%)
- Blue (100%)



- Red (58%)
- Yellow (61%)
- Blue (100%)



- Cyan (42%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959BFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 959BFF by changing the saturation by 10% instead.



 959BFF

 959BFF

FFFFFF

 7981E2

 CFD1FF

 5C68C6

 ECEEFF

 3F50AA


 1C398F

 002475

 00115C

 000044

 00032C

 000117

 959BFF

 959BFF

 7C83FF

 AFB3FF

 626BFF

 C8CBFF

 4953FF

 E2E3FF

 2F3BFF

 FBF3FF

 1623FF

FFFFFF

 000EFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00ACFF



959BFF



D787DF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



959BFF



ED8B55



00BC97

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



959BFF



FFF995

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5BB767



959BFF



C99E3C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



959BFF



FF7B7F



99AD44



00BCCA

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



959BFF



F17CC1



99AD44



00BB86



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



959BFF



E0E2FF



95FFF8



6E6F80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



959BFF



8087FF



C395FF



737380



000BBF



000440



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF959B



FF8087



D1FF95



807373



BF000B

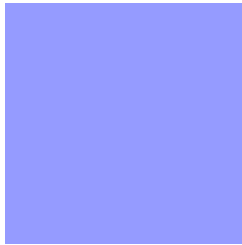


400004



# Previews

## White Background



This preview shows how the Hex color 959BFF looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

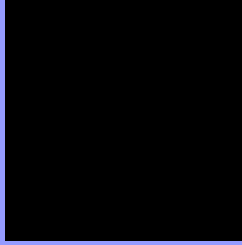
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 959BFF Background



This preview shows how black text looks on a background with the Hex color 959BFF.

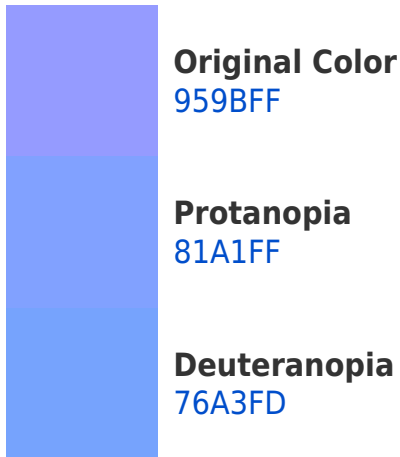


This preview shows how white text looks on a background with the Hex color 959BFF.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

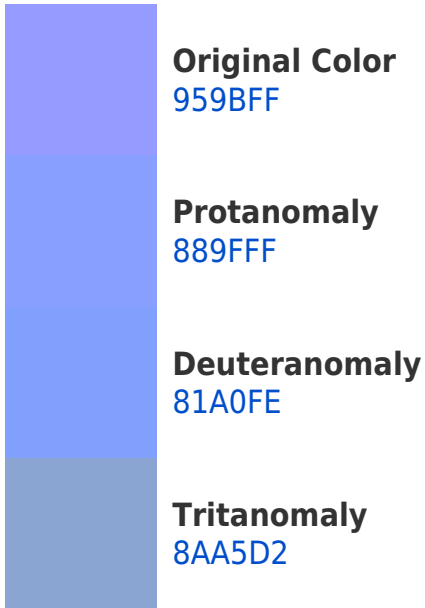
## Dichromacy



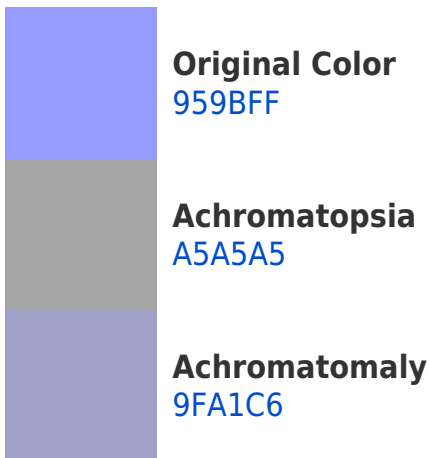


**Tritanopia**  
83AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959BFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #959BFF looks like.

```
.text, #text, p{  
    color:#959BFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #959BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959BFF
}
```

## Border

The CSS property to change the border of an element to Hex 959BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#959BFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#959BFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #959BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959BFF; -webkit-box-shadow:4px 4px  
4px 4px #959BFF; box-shadow:4px 4px 4px  
4px #959BFF }
```

# Background

The CSS property to change the background color of an element to Hex 959BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959BFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#959BFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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